Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 28 Jan 2024 until 23:59 on Monday 29 Jan 2024

Forecast Issued on Saturday 27 Jan 2024 at 13:06

Confidence: High confidence for overall weather picture but moderate for track of rainfall Monday and Wednesday.

Headline for Sunday 28 Jan 2024: A rather cloudy day with a little drizzle at first, then dry until rain arrives late evening. Strong winds.

Mountain weather hazards on Sunday 28 Jan 2024

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Drizzle	Drizzle	Cloudy	Cloudy	Cloudy	Cloudy	Light rain
Precipitation probability							
30%	50%	40%	10%	10%	10%	10%	40%

Forecast for Sunday 28 Jan 2024

Weather: Cloudy with outbreaks of drizzle during the overnight period but becoming mostly dry by around dawn. Staying cloudy but dry through much of the day, with strong winds, some brightness breaking through. Rain pushing in from the northwest towards midnight

Chance of cloud-free hill tops above 800m: 20%, improving to 80% around late morning but decreasing again later in the evening.

Low cloud and visibility: Scattered or broken cloud base 500-700m through the overnight period and into Sunday morning, breaking up by late morning. Further low cloud base 500-700m pushing in from the northwest during the evening. Slight reduction in visibility in any drizzle or rain, poor in hill fog, but otherwise good.

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Mountain Weather Forecast

Forecast for Sunday 28 Jan 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	35/45 S	44/55 S	44/55 S	38/48 S	43/55 S	43/56 S	42/56 S	39/52 SW	31/40 SW
600	31/43 S	36/51 S	37/52 S	30/43 S	31/45 S	31/46 S	33/49 S	30/45 SW	23/33 SW
300	12/31 S	12/35 S	14/37 S	12/33 S	11/33 S	10/33 S	13/37 S	15/36 SW	10/26 SW
Valley	12/28 SE	12/32 S	14/34 S	11/29 S	11/28 S	12/31 S	14/34 S	17/34 SW	10/22 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-7	2/-7	2/-6	2/-6	5/-1	6/-1	5/-2	4/-3	4/-2
600	1/-6	2/-5	3/-4	4/-3	6/-0	7/1	7/1	6/-0	5/0
300	3/-1	4/-1	5/0	5/1	7/4	8/5	8/5	7/4	7/4
Valley	6/2	6/3	7/4	7/5	9/7	10/8	10/8	10/6	8/6
Freezing Level*	1900m	1600m	1800m	1800m	1900m	1900m	1800m	1900m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very strong winds, particularly near summits, will hamper progress.

Forecast for Monday 29 Jan 2024

Weather: Cloudy with outbreaks of mainly light rain during the overnight period, but this turning heavier during the morning. Rain continuing throughout the day with heavy bursts at times.

Maximum wind: Southwest 20-25mph gusting 30-40 mph at first, soon falling light, northeast 15-20 mph gusting 25-30 mph later

Chance of cloud-free hill tops above 800m: 20%

Low cloud and visibility: Broken cloud base 500-700m for most of the day, occasionally dropping to 400m. Visibility poor in hill fog, moderate in rain. Good in drier interludes at lower levels.

Temperature: **Valleys:** Plus 6 to plus 9 Celsius
At 800m: Plus 1 to 4 Celsius
Freezing level: Above summits

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 27 January 2024 Location: Helvellyn summit at 12:41 Full report: The vast majority of the fells and paths are snow-free up to and including the highest tops. There is still snow and ice present above 800m on steep north and east-facing slopes and this was slowly thawing today but still quite firm in places. Swirral and Striding edge can be done almost entirely on rock, however, a steep bank of unavoidable hard and icy snow is present at the top of Swirral edge. The exit slopes of Striding edge can be negotiated without setting foot on snow by taking a line slightly to the south of the main exit path. The windchill (feels-like) temperature on the tops today was around -7ºC and anyone who stood still even for short periods would get cold very quickly. Full winter clothing (warm and waterproof) including hats and gloves and equipment including a map, compass, and headtorch are all essential. For anyone deliberately heading onto the snow tomorrow, an ice axe and crampons are essential. Microspikes are also advisable for crossing the small patches of unavoidable snow on the exit slopes of Swirral Edge, or any other similar steep and exposed routes where there may be remnants of old, hard, and icy snow. Temperature: plus 1.7 C, Maximum wind speed 44.5 mph, Wind chill: minus 7.1 C, Average wind speed: 31.8 mph

Issued at: 1558 on Sat 27 Jan 2024

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